

## **7000 HAZMAT Plan**

### **7100 Site Safety Plan**

The Office of Spill Prevention and Response has generated a generic site safety/emergency response plan to assist local government, public entities, and professional volunteer groups in writing their own required plan. This plan meets the requirements of CAL OSHA and is recommended as a model for developing generic site safety plans. A generic site safety/emergency response plan should be prepared as a pre-planning document. The site-specific safety and health/emergency response plan can be generated quickly if the generic plan already exists. Those workers operating under the plan must be familiar with the plan prior to the start of work and agree to obey and follow all elements of the plan while performing certain work in designated control zones on-site. The Safety Staff of the Unified Command will review and approve all site safety plans for all agencies responding to a pollution incident, prior to site entry. An example of OSPR's site safety plan can be found in OSPR's guidance document for the preparation of a marine facility and vessel oil spill contingency plan that covers "Workforce Safety Training Requirements" and the State of California "Marine Oil Spill Contingency Plan."

OSPR's grant process requires certain response agencies, including municipal and county governments and volunteer groups to submit generic site safety planning documents in advance of an incident. All site safety plans submitted to OSPR for review must be formatted as closely as possible to the generic site safety plan for the purpose of consistency and ease in finding essential elements of site safety plan by the reviewer. Copies of the generic site safety/emergency response plan are available for all parties identified in the Oil Spill Prevention and Response Act who anticipate submitting their completed plans to OSPR for review and approval.

Appropriate site control procedures shall be implemented to control employee exposure to hazardous substances before cleanup work begins. The site control program shall include as a minimum: a site map; site work zones; the use of a buddy system; site communications including alerting means for emergencies; the standard operating procedures or safe work practices; and identification of the nearest medical assistance.

A decontamination procedure shall be developed, communicated to employees and implemented before any employees or equipment may enter areas on-site where potential for exposure to hazardous substances exists.

An emergency response plan shall be developed and implemented by all employers prior to the commencement of hazardous waste operations.

### **Hazard Communication**

Health Effects and Chemistry of Oil (Benzene, Toluene, Xylene, Hydrogen Sulfide, Diesel Fuel, Gasoline, Crude Oil, Bunker C, MTBE, etc.)

Thermal Stress

Water Safety (Personal Flotation Devices)

Physical Hazards (including electrical, heavy equipment, confined spaces, trenches, shoring, excavation, etc.)

Biological Hazards

Slips, Trips, and Falls

Ergonomics

Hearing Conservation

Workers' Compensation

Accident Prevention and Reporting

Animal Handling Techniques

Occupational health and safety hazards associated with the capture, transport, cleaning, rehabilitation, and release of oiled marine wildlife:

Required personal protective equipment

Decontamination of personal protective equipment

Slips, trips, and falls (e.g. mob cart)

Safe lifting and handling techniques of large mammals

Water safety during capture and release of animals

Bites, pecks, and scratches

Zoonosis

Oil Spill Cleanup Techniques

Health and safety hazards associated with manual oil cleanup activities

Safe work practices with oil cleanup tools and equipment

**Reference and Resource Documents:**

29 CFR 1910.120 - OSHA Regulations for Hazardous Waste Operations and Emergency Responses. (HAZWOPER).

8 CCR 5192 HAZWOPER

40 CFR 300 - National Oil and Hazardous Substances Pollution Contingency Plan.

OSHA Compliance Guidelines CPL 2-2.51 (11/5/90) "Inspection Guidelines for Post Emergency Response Operations Under 29 CFR 1910.120.

49 CFR Subchapter B Part 130 - Oil Spill Prevention and Response Plans.

NIOSH/OSHA/USCG/EPA Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities (NIOSH 85-115)(Phone 800-356-4674).

"Oil Spill Contingency Planning," October 1990, DOT and EPA Status Report to the President.

NIOSH Health Evaluation Report "Exxon Valdez Alaska Oil Spill" (HETA 89-200 and 89-273-2111, May 1991).

Standard for Professional Competence of Responders to Hazardous Materials Incidents - NFPA 472.

Control of Gas Hazards Aboard Vessels - NFPA 306.

"Rehabilitating Oiled Sea Birds - A Field Manual." International Bird Rescue Research Center; 699 Potter St, Berkeley, CA (510-841-9086).

"Oiled Bird Rehabilitation - A Guide for Establishing and Operating a Treatment Facility for Oiled Birds." 1989 Tri-State Bird Rescue and Research, Inc. Newark, DE 19711 (Phone: 302-737-7241/9543, pgr 800-710-0695)

"Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices." American Conference of Governmental Industrial Hygienists, Cincinnati, OH (Phone: 513-742-2020).

#### **7200 WMD Plan**

Refer to USCG Commandant Instruction 3400.3A Weapons of Mass Destruction and Catastrophic Hazardous Material Releases.

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